



AMERICAN FIREARMS AND WEAPONS
MOUNTED HEADS AND FUR RUGS

THE COLLECTION OF THE LATE
RICHARD WALN MEIRS
OF PHILADELPHIA, PENNSYLVANIA

TO BE SOLD AT UNRESTRICTED PUBLIC SALE

BY ORDER OF MRS. MEIRS

ON TUESDAY AFTERNOON

NOVEMBER 18th, 1919

UNDER THE MANAGEMENT OF

THE AMERICAN ART ASSOCIATION

MADISON SQUARE SOUTH

NEW YORK CITY

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AT 2:00 O'CLOCK IN THE AFTERNOON
AT THE AMERICAN ART GALLERIES
NEW YORK CITY







SEVEN-SHOT PEPPERBOX

[No. 191]

FOUR-SHOT
PERCUSSION RIFLE

[No. 34]

HEAD OF MUSK OX

[No. 297]

AMERICAN DUELLING PISTOLS

[No. 122]

MULE-EAR
PERCUSSION GUN

[No. 35]

CATALOGUE OF
AMERICAN FIREARMS AND WEAPONS
MOUNTED HEADS AND FUR RUGS

THE COLLECTION OF THE LATE
RICHARD WALN MEIRS

OF PHILADELPHIA, PENNSYLVANIA

TO BE SOLD WITHOUT RESERVE OR RESTRICTION

BY ORDER OF MRS. MEIRS

ON TUESDAY, NOVEMBER 18th, 1919

AT 2:00 O'CLOCK IN THE AFTERNOON

THE SALE TO BE CONDUCTED BY
MR. THOMAS E. KIRBY AND HIS ASSISTANTS, OF
THE AMERICAN ART ASSOCIATION, MANAGERS
NEW YORK CITY

CONDITIONS OF SALE

1. Any bid which is merely a nominal or fractional advance may be rejected by the auctioneer, if, in his judgment, such bid would be likely to affect the sale injuriously.

2. The highest bidder shall be the buyer, and if any dispute arise between two or more bidders, the auctioneer shall either decide the same or put up for re-sale the lot so in dispute.

3. Payment shall be made of all or such part of the purchase money as may be required, and the names and addresses of the purchasers shall be given immediately on the sale of every lot, in default of which the lot so purchased shall be immediately put up again and re-sold.

Payment of that part of the purchase money not made at the time of sale shall be made within ten days thereafter, in default of which the undersigned may either continue to hold the lots at the risk of the purchaser and take such action as may be necessary for the enforcement of the sale, or may at public or private sale, and without other than this notice, re-sell the lots for the benefit of such purchaser, and the deficiency (if any) arising from such re-sale shall be a charge against such purchaser.

4. Delivery of any purchase will be made only upon payment of the total amount due for all purchases at the sale.

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Delivery of any purchase will be made only at the American Art Galleries, or other place of sale, as the case may be, and only on presenting the bill of purchase.

Delivery may be made, at the discretion of the Association, of any purchase during the session of the sale at which it was sold.

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AMERICAN ART ASSOCIATION,
American Art Galleries,
Madison Square South.

AT THE AMERICAN ART GALLERIES MADISON SQUARE SOUTH, NEW YORK

UNRESTRICTED PUBLIC SALE BY ORDER OF MRS. MEIRS
AMERICAN FIREARMS AND WEAPONS, STUFFED HEADS AND FUR RUGS
THE COLLECTION OF THE LATE RICHARD WALN MEIRS
OF PHILADELPHIA, PENNSYLVANIA

ON TUESDAY AFTERNOON, NOVEMBER 13th, AT 2:00 O'CLOCK

1. U. S. SPRINGFIELD BREECH-LOADING RIFLED MUSKET

Allin's alteration,—being the first model. Calibre 50-70. Ram-rod missing,—otherwise complete and in very fine condition, except that a small piece of wood is clipped off ahead of the lock.

E. S. Allin was master armorer of the Springfield Armory and devised this system in 1865.

2. THREE U. S. PERCUSSION RIFLED MUSKETS

Calibre .58. Two model 1858, marked "U. S. Springfield—1861." The other "Bridgesburg—1865." The type of muskets principally used by the United States Infantry in the Civil War. Very good, complete, original condition.

3. TWO BRITISH ENFIELD PERCUSSION RIFLED MUSKETS

Calibre .577. Locks marked "Tower 1861". A great many of these were used on both sides during the Civil War. These particular specimens were used on the Southern side. Bayonets missing,—otherwise in fairly good condition.

4. U. S. PERCUSSION MUSKET

Calibre .69, marked "U. S. Springfield—1814". Known as model 1842, and is the first type of percussion lock musket made by the United States Government. In extra good, original condition.

5. U. S. TAPE-LOCK MUSKET

Calibre .58. Marked "U. S. Springfield, 1858." Bayonet missing,—otherwise in extra fine condition, showing most of its original finish.

Dr. Edward Maynard patented in 1845 the tape-lock attachment, which he thought would facilitate shooting; and as the Government was always anxious to try a new invention, they had some of these made at the Springfield Armory, and by other contractors, and tried them out; but they did not prove satisfactory, and the mechanism was soon discarded. However, it is a very interesting development, and the muskets are now very scarce.

Sale, Tuesday Afternoon, November 18th

6. PALMETTO U. S. PERCUSSION MUSKET

Smooth bore, calibre .69. Made at the Palmetto Armory, Columbia, S. C.—1852. This was a State institution used mainly for the repair of arms, and muskets and pistols made there are very rare. Swivel from one band and bayonet missing,—otherwise in very good condition.

7. THREE PALMETTO U. S. PERCUSSION MUSKETS

The barrel of one has been shortened, and the stock cut down, making it into a sporting size weapon. On the other two the bayonet is missing. All in good condition.

8. KRIDER U. S. PERCUSSION RIFLED MUSKET

Calibre .58. Brass patch-box. John Krider had a contract with the U. S. Government to make a number of these muskets during the Civil War, and, as they did not come up to specifications, were rejected, and Krider brought suit against the Government, which he won. This is a particularly fine specimen, and VERY SCARCE. Bayonet missing.

9. EARLY AMERICAN SUPERPOSED PERCUSSION GUN

Octagon barrels, length 36 inches,—one rifled about calibre .40, and the other one smooth bore, about calibre .38. Curly maple stock, with brass mountings. Brass patch-box marked with former owner's name, and the side plate is dated 1810. This has been changed from flintlock, and such pieces were made and used in Pennsylvania before 1800. FINE PIECE, in very good condition.

10. RARE BREECH-LOADING PERCUSSION SPORTING RIFLE

Marked "Hudson, N. Y." Half octagon barrel 25 inches long, about calibre .31. The breech is heavy and has a round removable breech block, which is held in place by a long spring on the right side. The breech block can be removed for loading. The mountings are of iron, nicely engraved, curly walnut stock, with iron patch-box, shotgun butt and raised cheek piece. A VERY UNUSUAL INVENTOR'S MODEL, showing fine workmanship.

11. RARE NIPPES PERCUSSION BREECH-LOADING RIFLE

30-inch browned octagon barrel, about calibre .40. Half stock, iron mountings, iron patch-box. Hammer, trigger guard, plate, lock and tang are nicely engraved. The barrel is marked "A. S. Nippes, Millcreek, Penn." This is fitted with the Baynard patent primer lock (1845) and used the paper cartridge. Very well made rifle of rare design and in fine condition. It is the only specimen known to the catalogue.

Sale, Tuesday Afternoon, November 18th

12. FINE UNDERHAMMER PERCUSSION POCKET RIFLE

Length 13 inches, with skeleton stock. Half octagon barrel, calibre .31, with brass loader. Marked "A. Willard, Boston." Well made piece, in very fine condition.

13. VERY FINE PERCUSSION SCHEUTZEN RIFLE

Heavy octagon barrel, 31½ inches long, about calibre .40, with false muzzle. Very fine globe and peep sights. The barrel is marked "G. Schalk, Pottsville", who was not only a celebrated rifle maker, but one of the best shots in the community. Fine floral engraving on the barrel, the mountings being of German silver, beautifully engraved. Double set triggers, fancy spur trigger guard. Beautiful curly maple half stock, closely checked pistol grip. Swiss butt plate and cheek piece. ONE OF THE FINEST SCHEUTZEN RIFLES THAT COULD BE MADE, AND IN PERFECT CONDITION.

14. RARE DOUBLE-BARREL MUZZLE-LOADING HAMMERLESS SHOTGUN

Unusually fine Damascus barrels, 12-bore. All parts are hand chiselled and engraved in beautiful scroll and foliated designs. The trigger guard is ornamented with a hound in panel, and the tang has engraved bird. The heel plate is similarly ornamented. The grip is very closely checked, and the finish of the gun is of the highest type. Marked "Wm. Kirchberg in Philadelphia". This gun used a paper cartridge,—the powder and shot charges being separated by a wooden wad,—the cavity in the bottom of which contained the fulminate of mercury priming. In firing, the action of pulling the trigger forces a slender steel rod through the powder into the priming. It is probably one of the rarest and most interesting of early American shotguns. A small piece of wood is broken out of the stock, which can easily be replaced; otherwise in fine condition.

15. VERY UNUSUAL UNDERHAMMER PERCUSSION FOWLING PIECE

36-inch twist barrel about 10-bore, with French proof marks. Full pistol grip stock and small butt. Very unusual and interesting piece, period about 1850, in good condition, barring missing heel plate.

16. JOSEPH MANTON DOUBLE-BARREL PERCUSSION SHOTGUN

16-bore. Has been a flint-lock and altered to percussion. (Probably about 1850.) Joseph Manton, who died in 1839, was the greatest of English gunmakers, and most of the English gun-

[Continued

Sale, Tuesday Afternoon, November 18th

[No. 16—*Continued*]

smiths who became famous were at one time workmen in his shop. He made firearms of high quality only, which commanded fancy prices, and at the present time are highly prized by collectors. This specimen is dirty, but could be cleaned and brought to perfect condition.

17. HEAVY PERCUSSION MATCH RIFLE

Heavy octagon barrel, 42 inches long, about calibre .45. Marked "A. Cherrington, L. Grimes." Full maple stock, flattened underneath so that it could be used with muzzle rest. Brass mounted, with double set triggers. A plain hand made rifle that was very popular with the Pennsylvania turkey shooters about 1850. Very interesting early American rifle, in good condition.

18. GREENE U. S. PERCUSSION, UNDERHAMMER, BREECH-LOADING MUSKET

Bolt action. Calibre .535. J. D. Greene's patent 1857. Some of these were tried by the U. S. Government, but, being unsatisfactory, were discarded, and they are now very scarce. The paper cartridge used in this arm was extraordinary, owing to the fact that the bullet was located in the rear of the powder charge, the first shot fired merely having the effect of expanding the bullet tightly into the chamber, a second cartridge being inserted and fired when the first bullet left the gun, and the second was expanded into the chamber in readiness for the following cartridge. The barrel is only slightly rifled, the rotary motion being imparted to the bullet by the bore being cut on a concentric, under Charles Lancaster's English patent. Bayonet missing,—otherwise in new condition.

19. JENKS U. S. PERCUSSION BREECH-LOADING NAVY CARBINE

Calibre .50. Made by Ames, Springfield, Mass., in 1845, for the U. S. Government, and used in the Mexican War. This has what is known as the "mule-ear" lock, but did not prove a success, so but few of them were used, and they are now very scarce. This is a PARTICULARLY FINE SPECIMEN, showing most of its original finish.

20. JENKS U. S. PERCUSSION BREECH-LOADING NAVY RIFLE

In very good, original condition.

21. GERMAN SHARPSHOOTER'S PERCUSSION RIFLE

Heavy octagon barrel about calibre .50, slightly belled at muzzle. A rather elaborate rifle used by German sharpshooters in the last part of the eighteenth century. Some carved ornamentation. Double set triggers, and three-finger spur trigger guard, and wooden slide patch-box. Inoperative, and some parts missing,—otherwise in fairly good condition.

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22. SHARPS U. S. PERCUSSION BREECH-LOADING MUSKET
Calibre .52. C. Sharps' Patent 1848. Lawrence's primer attachment and iron patch-box. Many were used in the Civil War. Shows most of original finish. Bayonet missing.
23. SHARPS U. S. PERCUSSION BREECH-LOADING MUSKET
Complete, and showing most of original finish.
24. LINDSAY PERCUSSION U. S. MUSKET
Calibre .58. Two hammers; one trigger. Lindsay's Patent 1860. The first charge formed breech for the second. A few were tried by the Government but were not adopted. Interesting and scarce arm. Bayonet missing,—otherwise in very good condition.
25. FINE GERMAN PERCUSSION SPORTING RIFLE
Heavy octagon barrel 29½ inches long, slightly belled at muzzle, about calibre .50, heavily rifled. The mountings are of German silver in fancy design and nicely engraved. The barrel is marked "J. P. Sauer, Suhl",—one of the foremost German gun makers who is still making guns that are far famed. Closely checked grip, very pretty walnut stock with slide patch-box and raised carved ornamentation. Double set triggers, raised cheek piece with silver plate initialed "W. H. A." Also ornamented with carved foliated ornamentation. VERY HIGH GRADE PIECE, requiring slight repairs and cleaning.
26. AUSTRIAN PERCUSSION BOAR RIFLE
Heavy octagon barrel, about calibre .60, heavily rifled. Brass mounted, with swivels for carrying. Double set triggers, and nipple safety on lock. Wooden slide patch-box and raised cheek piece. Very good condition.
27. EARLY AMERICAN PERCUSSION SUPERPOSED COMBINATION GUN
Octagon barrels about 29 inches long. The top one is about calibre .38; the lower one 20-gauge. German silver mounted, with German silver patch-box. Marked "B. T. Seeley, Dunkirk, N. Y." Such weapons were favorites with sportsmen in Pennsylvania and central New York in the early fifties, when they were made to order at a considerable expense. VERY INTERESTING PIECE, in good condition.
28. GERMAN PERCUSSION BOAR RIFLE
Heavy octagon barrel 28½ inches long, about calibre .58, heavily rifled. Full butternut stock, with sling swivels, engraved iron mountings in fancy design, engraved lock and hammer, double set triggers (one of which is broken), checked grip, checked wooden slide patch-box, and raised cheek piece. Fairly good condition.

29. COLT REVOLVING PERCUSSION RIFLE

Calibre .56; 5 shots; fluted cylinder. Some of these were tried by the United States Government with considerable success, but they did not prove entirely satisfactory, and not many were used. A VERY SCARCE AND DESIRABLE ARM FOR COLLECTORS, and this specimen could be put in good condition, as it requires front sight, tumbler screw and wooden fore-end only.

30. DOUBLE BARREL PERCUSSION RIFLE

Calibre .54, with heavy rifling. 23-inch barrels sighted for 2,000 yds. Invented by General Jacobs of the British Army, and used in India at the time of the Black Hole of Calcutta. The British Cavalry for a number of years was armed with these short rifles. Later they were used for hunting big game in South Africa, as well as by the Boers in the first war between the Transvaal and Great Britain (about 1882). AN EXCEEDINGLY INTERESTING ARM, seldom found in this country. Very good, original condition.

31. EARLY AMERICAN PERCUSSION MATCH RIFLE

Heavy octagon barrel, 40 inches long, about calibre .70, smooth bore. Half walnut stock, brass mounted, double set triggers. Altered from flint-lock. Marked "W. & C. Biddle & Co., Philadelphia." A good example of the old match rifle used with a muzzle rest at about 40 rods. A plain piece, in very good condition.

32. PERCUSSION SCHEUTZEN RIFLE

31-inch octagon barrel, about calibre .38. Half walnut stock, German silver mountings, spur trigger guard, double set triggers, checked grip and Swiss butt plate. Well made American rifle, in very good condition.

33. DOUBLE-BARREL SUPERPOSED PERCUSSION GUN

Heavy octagon barrels 36 inches long, about calibre .36, one rifled, the other smooth. Brass mounted. Maple stock. Marked "B. Fox & Co., Lancaster, Penn." Such rifles were very popular with hunters in the early fifties,—this piece being in very good condition.

34. RARE EARLY AMERICAN FOUR-SHOT PERCUSSION RIFLE

30-inch octagon barrels, about calibre .38, well rifled. Two hammers. The barrels revolve by pushing a catch on the tang. Brass trigger guard. Well made back action locks, marked "Nelson Delaney, Reading" (a celebrated rifle maker in the early fifties).

[Continued]

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[No. 34—Continued]

Closely checked grip, beautiful highly polished walnut stock, with brass butt plate. Silver plated patch-box marked "Presented to Marshal Hasler by the P. & R., C. & I., Police. (Philadelphia & Reading, Coal & Iron, Police) Oct. 2, 1876." This is ONE OF THE FINEST MULTI-SHOT RIFLES the cataloguer has seen, and is in almost new condition, showing workmanship of the highest character.

[See Frontispiece for Illustration.]

35. ORNATE FOUR-BARREL "MULE-EAR" PERCUSSION COMBINATION GUN

27-inch round barrels. The top ones are smooth and about 28-bore. The lower ones are rifled and about calibre .36 The barrels are beautifully browned; the locks are engraved. German silver mounted,—the mountings being beautifully engraved. The ornamentations consist of the following in German silver:—Plate in rear of the right lock, arrow-shaped ornament on the right side of the comb, long ornament on the bottom and top of the stock, engraved patch-box back of which are a five and six-pointed star. The comb is ornamented with a fancy strip; the left side of the stock is ornamented similarly to the right, except that a pointer and partridge replace the stars. There is also a patch-box on this side. The stock is of burl walnut, and there is also a small box underneath the stock for caps. MULTI-SHOT ARMS OF AMERICAN MANUFACTURE ARE EXTREMELY RARE, and this piece with the preceding four-barrelled gun, make wonderful companion pieces;—both of them are of great beauty.

[See Frontispiece for Illustration.]

36. GERMAN PERCUSSION HUNTING RIFLE

Heavy octagon barrel, slightly belled at muzzle. Length 30 inches, about calibre .45, heavily rifled. Engraved German silver mountings of fancy design. Sling swivels, double set triggers, closely checked grip, and raised cheek piece. The carving on one side is very fine, as it represents a falcon in flight, surrounded by raised foliated designs. The wood around the heel plate is beautifully carved in relief in foliated design. The side plate is of German silver, engraved and fashioned to represent a man's head, while the escutcheons are of German silver, nicely engraved, each end representing a cornucopia. The lock is of graceful design, ornamented with foliated engraving, and the breech end is fashioned to represent a boar's head. Made by J. Schach of Reichenbach (this being inlaid in silver on the barrel). The sights are missing,—otherwise in very good condition, and shows exquisite workmanship.

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37. EARLY AMERICAN THREE-BARREL COMBINATION PERCUSSION GUN

24½-inch round barrels. The top one is rifled about calibre .31, and the lower ones, which are twist, are about 20-gauge. Small patch-box on each side of stock, and engraved iron trigger guard. The shot barrels are fired by a hammer on each side of the frame, while the top one is operated by a centre hammer,—the nipple being set on the axis of the barrel. Very unusual and interesting early American piece that has been restocked,—otherwise in good condition.

38. PERCUSSION SCHEUTZEN RIFLE

28½-inch heavy octagon barrel, about calibre .36, with false muzzle and bullet starter. Marked "E. Anschutz, Philadelphia." Half walnut stock, German silver mounted, with spur trigger guard and double set triggers. Closely checked grip and cheek piece; nickel plated Swiss butt plate. Very high grade, hand made rifle, in extra good condition. Such rifles were very popular with the target shooters before the Civil War.

39. SCARCE U. S. PERCUSSION MUSKET

Calibre .50, smooth bore. Lock is marked "Peterman, Philadelphia," who had a sub-contract and made a few such muskets for the U. S. Government during the Civil War. This is the short model with the 36-inch barrel, and is an exceedingly scarce musket. In very fine condition, showing most of original finish.

40. RARE FOUR-BARREL PERCUSSION REVOLVING GUN

Four individual barrels welded to a central rib, 27 inches long, 12-gauge. Iron frame, hammer each side. Walnut stock. Thimble for one ramrod on barrels. This is a very interesting and rare gun of early American manufacture. Such pieces are seldom found. Very good condition.

41. GERMAN PERCUSSION MUSKET

Calibre .75. Made at Suhl, Germany. Some of these were purchased from Germany and used in the Civil War. This one is of particular interest as it was used by the Home Guards of Philadelphia during the Civil War,—the barrel at the breech being marked "City of Philadelphia, A. Wuerfflein" (a well known German gunsmith of Philadelphia). VERY INTERESTING PIECE, in extra good, original condition.

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42. FRENCH CHASSEPOT BREECH-LOADING NEEDLE MUSKET.

Calibre .42. Model 1866. The interesting feature about this arm is that it used a paper cartridge with the cap in the back of the cartridge in the middle of a wad, the cap being turned with the hollow to the rear for the needle to strike into, but which was still not a gas-tight cartridge. The bolt head entered some distance into the chamber, and had a metal shield, behind which was a thick wad of India rubber to act as an obturator. In 1871 the needle rifle was superseded by the Mauser, which was obviously founded upon it, but which used a solid drawn brass gas-tight cartridge. The French troops were equipped with these muskets in the Franco-Prussian War. Bayonet missing,—otherwise in fine condition.

43. WERNDL (AUSTRIAN) BREECH-LOADING MUSKET

Calibre .42. Used by the Austrian army until the adoption of the present Mannlicher magazine rifle. Bayonet missing,—otherwise in very good condition.

FRENCH CHASSEPOT MUSKET

Bayonet missing, otherwise in good condition.
Together, 2 pieces.

44. GERMAN BREECH-LOADING NEEDLE GUN

Calibre .75, with four groove rifling. Brass mounted. Made at the Danzig Arsenal—1867. This is the famous Prussian needle gun, and was used with deadly effect in the Franco-Prussian War. A VERY DESIRABLE RELIC, in extra good, original condition, except that the bayonet is missing.

45. RUSSIAN ARMY "MOSSIN" MAGAZINE RIFLE

Calibre .30. Model 1891. This is the type of rifle used by the Russian Infantry in the Russo-Japanese War. This specimen was picked up on the battlefield after Moukden, and, as will be observed, it was struck repeatedly by Japanese projectiles. Complete, with ramrod and quadrangular bayonet. VERY INTERESTING AND RARE RELIC, in fairly good condition.

46. SPANISH MAUSER MAGAZINE RIFLE

Calibre 7 M/M. Model 1893. Has sling strap, but bayonet is missing,—otherwise in very good condition. This was the German official Infantry arm in use up to the adoption of the model 1903 musket.

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47. SPANISH ARGENTINE MODEL MAUSER RIFLE

Calibre 7.65 M/M. Marked "Fabrique Nationale, Herstal-Liege." These were used by the Argentine Infantry, and some were used in the Philippines by the Spaniards, from one of whom this one was captured. Has sling strap, but bayonet and ramrod are missing,—otherwise in fairly good condition.

48. BRITISH MARTINI-HENRY BREECH-LOADING HAMMERLESS RIFLE

Calibre .45, with trowel bayonet. The British army was equipped with these rifles until the adoption of the Lee-Enfield rifle. Complete and in original condition, showing most of factory finish.

49. RUSSIAN BERDAN RIFLE

Calibre .42. Manufactured by the Colt Fire Arms Company for the Russian Government, about 1870, and were used by the Russian Infantry until the adoption of the present Mossin high power magazine rifle. The bayonet is missing,—otherwise in extra good original condition. A VERY SCARCE ARM.

50. EARLY BREECH-LOADING HAMMERLESS SHOTGUN

Very fine twist barrels 29 inches long, 12-bore. Le Fauchaux action. The lever can be turned to the left, which slides the barrels forward and tips them up for loading. This action also cocks the piece, and the thumb screw on the top of the frame acts as a safety. Chiselled iron mountings, which are ornamented with cross checking. Made by F. Schonemann (Germany), about 1880. FINE PIECE, showing the evolution of shotguns. VERY DESIRABLE on this account.

51. UNITED STATES SPRINGFIELD BREECH-LOADING CADET RIFLE

Calibre 50-70, model 1866. This is the light model with two bands, and issued to the West Point Cadets about 1870. AN EXTREMELY SCARCE ARM. Ramrod, bayonet and breech pin missing.

52. VETTERLI SINGLE SHOT MUSKET

Calibre .42, used by the Swiss army until the adoption of the magazine arm. Bayonet missing,—otherwise in good condition.

VETTERLI MAGAZINE RIFLE

Calibre .42. Formerly the Swiss regulation military arm. Bayonet missing,—otherwise in almost new condition. Together, 2 pieces.

Sale, Tuesday Afternoon, November 18th

53. SWISS ARMY OFFICER'S BREECH-LOADING RIFLE

Calibre .42. Has double set triggers, sling swivels and Swiss butt plate. The lock is nicely engraved, and has gold inlaid name "H. Richner A'Aarau". Bayonet missing,—otherwise in very good condition, and a SCARCE PIECE.

54. VOLCANIC MAGAZINE CARBINE

Calibre .38. Length 35 inches. The magazine is under the barrel, and the cartridges are inserted by pulling forward a stud attached to a spiral spring. A section of the magazine can be turned at the muzzle for loading. Pushing down on the lever forming the trigger guard, cocks the hammer, ejects the shell and loads cartridges into barrel. H. Smith and D. B. Wesson's Patent, February 14, 1854, who sold the patent to the Volcanic Repeating Arms Co., New Haven, Conn. The cartridges are unusual, simply a conical bullet with brass cartridge case containing powder and a copper primer set in the end of the bullet, which is hollowed out. Shows most of factory finish.

But very few of these rifles were made, as they were soon superseded by the Henry Magazine Rifle, and are now rare. One of the earliest magazine rifles made.

55. REMINGTON U. S. NAVY BREECH-LOADING MUSKET

Calibre 50-70. Made at the Springfield Arsenal in 1870. In very good, complete condition, including sabre bayonet.

56. U. S. SPRINGFIELD MUSKETS

Calibre 50-70. Model 1870. Very good, complete condition.

Another. Calibre 50-70. Model 1866. Complete, with ramrod and bayonet. Very good condition.

Together, 2 pieces.

57. U. S. SPRINGFIELD MUSKETS

Model 1884. Calibre 45-70. Has sling strap and ramrod, but bayonet is missing. Small chip out of the stock,—otherwise in very fine condition.

Another of the same, with ramrod bayonet. Very good condition.

Together, 2 pieces.

58. SPENCER U. S. REPEATING RIFLE MUSKET

Calibre .56-50. Made by Spencer Repeating Rifle Company, Boston, Mass., Patent of 1862. Although the arm was turned down by an Ordnance Board, Mr. Spencer (the patentee) went personally to see President Lincoln, who tried the weapon himself and was so pleased with its performance that he gave Mr. Spencer

[Continued]

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an order for ten thousand forthwith, and subsequently increased the order to over one hundred thousand, it being considered the best arm of its kind. Loaded by turning a spring catch on the butt plate and introducing the cartridge into removable loading chamber. It is a positive action, and seldom failed to work. Shows most of factory finish.

59. SPENCER U. S. REPEATING MUSKET

60. RARE U. S. BREECH-LOADING MUSKET

Isaac M. Milbank's Patent of January 8, 1867. The oscillating breech block is traversed by a locking pin, which has vertical reciprocation by inclined groove, when turned in its socket. The hammer shank closes over the wing of the horizontal swinging breech block before the nose of the hammer strikes a detonating catch or punch, and thus holds the breech block laterally. If the breech block be unclosed, the hammer is arrested in falling. Proving unserviceable, but few were tried, and they are now very rare. Very good condition. Bayonet missing.

61. LEE STRAIGHT-PULL U. S. MAGAZINE RIFLE

Model 1895. Calibre .236. Manufactured for the U. S. Government by the Winchester Repeating Arms Company, and used by the United States Navy during the Spanish-American War. This particular specimen was used by the U. S. Marines who landed from the fleet and held an island in Guantanamo Bay for a number of days prior to the arrival of General Shafter's army. Equipped with the short knife bayonet. This model was used by the navy up to the adoption of the Krag-Jorgensen rifle. Very good specimen of unusual interest, and being the smallest calibre arm used by the United States forces.

62. SHARP & HANKINS U. S. BREECH-LOADING NAVY RIFLE

Calibre .56, metallic cartridges. By pushing down the trigger guard the barrel slides forward for loading. Made by Sharp & Hankins, Philadelphia. Used in the Civil War. Extra fine, original condition, with long sabre bayonet. VERY SCARCE, particularly with the bayonet.

63. EVANS MAGAZINE SPORTING RIFLE

Calibre .44. An unusual feature about this rifle is that the magazine is in the stock, and is operated by a spiral spring holding 32 shots. Manufactured by the Evans Repeating Rifle Co., Mechanicville, Me. Patent of 1869. This is really a hammerless rifle, although there is an outside dummy hammer. EXTRA FINE ORIGINAL CONDITION.

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64. FRENCH TABIATERRE BREECH-LOADING MUSKET

Made at St. Etienne—1861. Bayonet missing,—otherwise in very good condition.

65. DOUBLE BARREL-PERCUSSION SHOTGUN

29-inch barrels, about 14-bore. Made by W. Chance & Son, London, about 1859. They were celebrated makers, and turned out fine firearms only. This specimen is in very good condition.

66. BRITISH LEE-ENFIELD MAGAZINE RIFLE

Calibre .303. The British official Infantry arm up to the adoption of the Lee-Enfield marked III magazine rifle which is now in use. Bayonet missing,—otherwise in extra fine condition, showing most of original finish.

67. GERMAN SINGLE SHOT ARMY MUSKET

Calibre 11 M/M, model 1871. Made at Danzig Arsenal. The Infantry branch of the German army was equipped with these after the Franco-Prussian War, and this model was the forerunner of the German magazine musket. Interesting arm,—the bayonet of which is missing. Very good condition.

BELGIAN BREECH-LOADING MUSKET

Calibre .42. The Belgian Infantry was equipped with this model until the adoption of the present high-power Mauser rifle. Bayonet missing,—otherwise in extra fine condition. Together, 2 pieces.

68. U. S. PERCUSSION RIFLED MUSKET

Calibre .69. Made at Harper's Ferry Arsenal—1850. Brass mounted, with brass patch-box, and fitted with sword bayonet. This was known as the "Mississippi" rifle. A SCARCE MUSKET, in very fine condition.

69. LEE-REMINGTON U. S. NAVY MAGAZINE RIFLE

Calibre 45-70. Box magazine. Made by the Remington Arms Company for the U. S. Government, and used in the Navy until the adoption of the Lee Straight-Pull rifle. Has sling strap and ramrod, but bayonet is missing. In very fine condition.

70. KRAG-JORGENSEN U. S. MAGAZINE RIFLE

Calibre 30-40. Model 1899. These were adopted by the United States Army after exhaustive tests and were in use until superseded by the model 1903 U. S. Springfield rifle. Bayonet missing,—otherwise in very good condition.

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71. U. S. ARMY BREECH-LOADING MAGAZINE RIFLE

Calibre 45-70. Made at Springfield Armory in 1884, known as the "Chaffee-Reese" rifle. The magazine contained seven cartridges, loaded through the stock, but, notwithstanding its excellence of manufacture, it was not a success, owing to the danger of an explosion of the magazine when the command "Ground Arms" is given. In target practice the rifle is extremely accurate. Bayonet missing,—otherwise in extra good condition, showing most of original finish.

72. U. S. BREECH-LOADING RIFLE MUSKET

Calibre .58. Parker, Snow & Co. alteration. Unusually good condition, with ramrod and sling strap, and German silver harp-shaped ornamentation on butt. Rare alteration.

73. RARE U. S. BREECH-LOADING HAMMERLESS RIFLE MUSKET

Calibre .45. Made by Sharps Rifle Company, Bridgeport, Conn. Known as the "Old Reliable" rifle. While such rifles were popular with Creedmore shooters, the muskets, but few of which were tried by the Government, are now rarely to be found. Complete and original condition. Very desirable arm for a collector.

74. U. S. SPRINGFIELD MAGAZINE RIFLE

Model 1903. Calibre .30. This was one of the first models, and is equipped with the ramrod bayonet, and has sling strap. Not many of these rifles were fabricated with the ramrod bayonet, as the Russo-Japanese War proved the inefficiency of such a bayonet. This was one of the most powerful rifles ever turned out by a government, and this particular specimen is in very fine condition, showing most of its original finish.

75. BROWN U. S. BOLT-ACTION BREECH-LOADING MUSKET

Calibre .50. Made by the Brown Manufacturing Company, Newburyport, Mass., under patent Oct. 17, 1871. Type of arm used by the Irish Fenians when they raided Canada about 1873. A few of these were tried by the United States Government, but were not adopted, as the bolt action was not perfected at the time. Rear sight and bayonet missing,—otherwise in very good condition. Scarce.

76. PORTER PILLOCK RIFLE

Ten shots. Made by P. W. Porter, New York, 1851. But few of these very interesting rifles were made. During a test of its rapidity of fire in the suburbs of New York, in the presence of a number of capitalists whom Mr. Porter was trying to interest financially, the operator was killed by a premature explosion of one of the charges. Col. Colt was said to have been present. RARE PIECE, in very good condition.

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77. VERY FINE DOUBLE-BARREL BREECH-LOADING RIFLE

24-inch fine twist barrels, about 12-bore. Marked "F. P. Devis-mes a Paris" (a very celebrated maker). Le Faucheux action,—all parts being nicely engraved. Closely checked grip, curly walnut stock. Very fine piece, in extra good condition. Such pieces are rarely found in this country.

78. SPANISH REMINGTON BREECH-LOADING MUSKET

Calibre .43. Made by the Remington Arms Company for the Spanish Government, and used by them in the Spanish-American War. This one was captured in Cuba. The bullet used was of copper, and as the wounds made by it often became infected, they were sometimes called "poison bullets." Ramrod and bayonet missing,—otherwise in fairly good condition.

ZULU BREECH-LOADING SHOTGUN

12-bore. Made from French Tabiaterre musket. A great many of these were sold to farmer boys, and proved a very good shooting gun. Good condition.
Together, 2 pieces.

79. HALL U. S. BREECH-LOADING FLINT-LOCK MUSKET

Marked "J. H. Hall, Harper's Ferry, 1834", Patent of 1811. This was the first type of breech-loading flint-lock musket used by the United States. A number were manufactured and used against the Indians from 1816 to 1827, and some were used in the early part of the Civil War, and captured ones were used on the Confederate side. Unusually interesting piece, in extra good original condition.

80. HALL U. S. BREECH-LOADING PERCUSSION MUSKET

Marked "J. H. Hall, Harper's Ferry, U. S., 1832", patent of 1811. Government alteration from flint-lock. Bayonet missing,—otherwise shows most of original finish.

81. HALL U. S. BREECH-LOADING PERCUSSION CARBINE

With ramrod bayonet. Marked "U. S., S. North, Middletown, Conn.—1839". SCARCE MODEL, in fairly good condition.

82. RARE VALLEY FORGE U. S. FLINT-LOCK MUSKET

Marked "W. Evans, V. Forge. 1829". This is the model 1822 musket, and is of rare historical interest, since it was made at Valley Forge. Bayonet missing,—otherwise in very good condition.

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83. RARE U. S. FLINT-LOCK MUSKET

Made by McCormick at Globe Hill in 1800 (near Springfield, Mass.) McCormick muskets are very rare, as but few were made; but this piece is particularly interesting on account of being stamped on barrel "Culpeper", which evidences the fact that it was used on the Southern side during the Civil War, and was repaired at the Rebel Culpeper Arsenal. Bayonet missing,—otherwise in exceptionally good condition for such a piece, which is extremely desirable from a collector's standpoint as well as historically.

84. EARLY AMERICAN FLINT-LOCK KENTUCKY RIFLE

40-inch octagon barrel, about calibre .40, smooth bore. Full curly maple stock, plain brass mountings and patch-box. This is a fairly good specimen of this celebrated rifle which played an important part in the Revolutionary War, and later wars, and was also used by expert riflemen. Very interesting piece, in fairly good condition, requiring cleaning.

85. LEMAN FLINT-LOCK RIFLE

Long octagon barrel, slightly belled at muzzle. Marked "Leman, Lancaster, 1840". The stock has been cut down. Fairly good condition.

86. ORNATE DOUBLE-BARREL FLINT-LOCK SHOTGUN

37-inch polished steel barrels, about 16-gauge, which are engraved in floral design at the breech and muzzles. The mountings are of burnished steel in fancy design, and beautifully chased. The forestock has relief carved ornamentation of foliated design. The grip is checked in fancy design, with grotesque man's head finial, raised cheek piece each side, the lower parts of which are carved and terminate in a carved floral ornamentation. The locks are very neat, and are ornamented with chased foliated designs. There is a shield-shaped name plate on the comb. VERY SHOWY BELGIAN PIECE, with most of original finish.

87. U. S. FLINT-LOCK RIFLE

Calibre .54. Marked "U. S., N. Starr, Middletown, 1824". This is the model 1819 U. S. rifle, and is in almost original condition, showing the beautiful old-time rich browning. Rarely found so good.

88. BELGIAN FLINT-LOCK FOWLING PIECE

39-inch imitation twist barrel. Polished lock, with some engraving. Engraved brass trigger guard. The fore-end is ornamented with crude carving and grotesque animal head finial. A looking-glass is set in on the left side of the stock, surrounded by brass-headed tacks. SHOWY PIECE, in almost new condition.

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89. U. S. FLINT-LOCK MUSKET

Model 1808. Marked "Springfield 1811." Has seen hard service, but is in fairly good condition.

90. RARE U. S. FLINT-LOCK MUSKET

Calibre .69. Marked "Miles C. P." Miles was a government contractor of Philadelphia, and the C. P. denotes Continental Property.

A soldier entering the American army at that time and owning a musket, the arm was appraised by the Colonial Government and its value paid to the soldier in Continental scrip, the arm then being stamped "C. P."

Carried by John Hill, a private soldier in the Fourth Regiment Pennsylvania Line during the Revolutionary War. This is an extremely rare and historical musket,—a few of which have been found by collectors. An exceptionally fine specimen, being in original condition, except that the bayonet is missing.

91. CONTINENTAL FLINT-LOCK MUSKET

Calibre .70. Marked "J. Henry", and "C. P." Used in the War of 1812. Bayonet missing,—otherwise in very good original condition.

92. U. S. FLINT-LOCK MUSKET

Model 1808. Marked "J. Henry, Philadelphia". Henry was a well known gun and rifle maker of Philadelphia, and made a great many guns for the United States militia. SCARCE MUSKET, in fairly good condition.

93. U. S. FLINT-LOCK MUSKET

Model 1822. Marked "U.S., P. & E. W. Blake, New Haven, 1826". Bayonet missing and slight repairs to woodwork,—otherwise in very good condition.

94. U. S. FLINT-LOCK MUSKET

Model 1822, altered to percussion. Marked "U.S., W. T. Wickham, Philadelphia, 1828". Altered by the U. S. Government after the Mexican War. In extra good, original condition, and a scarce alteration.

95. U. S. FLINT-LOCK MUSKET

Altered to percussion. Marked "R. Evans, Philadelphia." Smooth bore, calibre .69. Government alteration to percussion. Period about 1830. Slight repairs to woodwork. Middle band, ramrod and bayonet missing,—otherwise in good condition, and a U. S. contractor's musket of extreme rarity.

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96. U. S. FLINT-LOCK MUSKET

Model 1822. Altered to percussion. Marked "Harpers Ferry—1836". This is the first Government alteration having the nipple set on top of the barrel Very good condition.

97. VERY EARLY DOUBLE-BARREL FLINT-LOCK SHOTGUN

31-inch barrels, about 14-bore. The barrels are octagonal for 8 inches at the breech, and are ornamented with gold inlay of foliated design. Butternut stock, brass mounted in fancy design. Some checking at grip. The locks are marked "Bontems au Menil." Very early French piece, probably made early in the eighteenth century, and in very good condition for such an old piece.

98. U. S. FLINT-LOCK MUSKET

Model 1822, marked "U. S., N. Starr, Middletown, Conn.—1838." Poor condition.

99. VERY EARLY FLINT-LOCK FOWLING PIECE

An unusually slender barrel $39\frac{1}{2}$ inches long, and about calibre .44. Octagon at breech for 14 inches. The barrel is fitted with sights so that a round ball could be used also. Butternut stock, which is much worm-eaten. Chiselled brass mountings of fancy design and nicely engraved. The wood is ornamented around the mountings in raised pattern, and there is some silver wire inlay on the comb in scroll design. Cheek piece on the left side of the stock ornamented with a beautiful carved dragon. The heel plate is nicely engraved with foliated designs. The lock is finely made, and shows great refinement of finish, and is marked "F. Dachtine, Aherue (French)". An unusual feature is, that a small thumb screw goes through the pan and can be screwed into the vent to be used as a safety. The lock is held to the stock by thumb screws,—one of which is missing. A VERY RARE AND EARLY PIECE, in good condition for such an old relic.

100. U. S. FLINT-LOCK RIFLE

Calibre .54. Model 1819. Marked "N. Starr & Son, U. S., Middletown, Conn.—1840". Has a patch-box in butt. Battery spring missing,—otherwise in extra good, original condition. VERY SCARCE.

101. CHARLEVILLE U. S. FLINT-LOCK MUSKET

Calibre .70. Made at the famous Charleville (France) Arsenal, and so stamped on lock plate. This particular piece was used by the French Infantry who came to America under the command of Count Rochambeau, whose invaluable aid contributed so largely to the final defeat of the British. The French Charle-

[Continued]

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ville musket was considered at that time the most perfect military weapon in existence, and when the U. S. Government began to manufacture their own arms at the Springfield Arsenal about 1795, the Charleville musket, model 1763, was used as a pattern. This piece is also stamped "U. S." on the barrel, denoting that it subsequently came into possession of the American Government. A PIECE OF RARE HISTORICAL INTEREST, in extra fine, original condition, except that the bayonet is missing.

102. RARE FLINT-LOCK AIR GUN

About calibre .36. The barrel is $19\frac{1}{2}$ inches long, octagonal for two-thirds of its length. Marked "Bunney, London." Has copper bulb, which unscrews for charging, beneath the stock ahead of the trigger guard, into which air is pumped. Guns of this type are extremely rare, and were made about 1760. This is a PARTICULARLY SHOWY SPECIMEN, requiring cleaning only.

103. POACHER'S AIR GUN CANE

Length $35\frac{1}{2}$ inches. Painted to represent a cane. Unscrews in the middle where the air is pumped in with a hand pump. In walnut, flannel-lined case, with bullet mould, bullets, key and pump. Very nice outfit, made by John Wilson & Co., Liverpool. Unusual outfit, in good condition.

104. SHORT BRITISH "BROWN BESS" FLINT-LOCK MUSKET

Calibre .75; 33-inch barrel. Lock is marked with a crown, G. R., Tower and 1778. Although so marked, this gun was made a great many years later, and the date is not authentic; however, it is in very fine condition, and is an interesting piece.

105. DUTCH DOUBLE-BARREL FLINT-LOCK SHOTGUN

36-inch barrels, about 16-bore. Walnut stock, checked on the grip and fore-end in fancy design. Wooden trigger guard and heel plate, raised cheek piece, and sling swivels. Finely made piece, in extra good, original condition. seldom found any better. This shotgun was made about 1750, by H. Peclers, who lived in the town of Bar le Duc.

106. VERY FINE PERCUSSION SCHEUTZEN RIFLE

$32\frac{1}{2}$ -inch octagon barrel, about calibre .31, with false muzzle and bullet starter. Beautiful half curly maple stock, German silver mounted. Very fine globe and peep sights and palm rest. Double set triggers and spur trigger guard. Raised cheek piece and Swiss butt plate. High grade, hand made rifle, by E. Anschutz, Philadelphia, in extra good condition.

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107. LEMAN FLINT-LOCK RIFLE

About calibre .50. Heavy octagon barrel, brass mountings, maple stock with small brass patch-box and cheek piece. The lock is marked "Leman, Lancaster, 1840," and the barrel is marked "Conestoga Rifle Works, Lancaster." Leman was one of the most celebrated rifle makers of Pennsylvania, and probably made more rifles than any early American maker. Very interesting piece, in extra good condition, barring missing front sight.

108. FRENCH FLINT-LOCK FOWLING PIECE

Poor condition.

109. RARE U. S. FLINT-LOCK MARTIAL PISTOL

Calibre .54. Marked "J. J. Henry, Boulton, Pa." About one hundred of these were made for a militia troop about 1830, and they are now exceedingly scarce. Very good specimen, in original condition.

110. RARE U. S. FLINT-LOCK DRAGOON PISTOL

Calibre .69. Length 15 inches. The lock is marked "Evans," and the barrel is marked with a "P," showing that it was proved. Brass mounted, with brass flash pan. Made at the Valley Forge Arsenal, Pennsylvania, about 1808, and is one of the rarest of American horse pistols. In complete, original condition.

111. RARE FLINT-LOCK DRAGOON PISTOL

Calibre .69. Length 14 inches. Brass mounted, with brass flash pan. The barrel is marked with an anchor and "D M." Has belt hook on left side. Supposed to have been made at the Valley Forge Arsenal—about 1808. Very good, original condition.

112. U. S. FLINT-LOCK HORSE PISTOL

Model 1816. Marked "S. North, Middletown, Conn." Unusually good condition.

113. RARE U. S. FLINT-LOCK HORSE PISTOL

Marked "H. Deringer, Philadelphia." Model 1808. Made under contract for the government, and used in the War of 1812. Fairly good condition.

114. TWO AMES PERCUSSION U. S. NAVY PISTOLS

Calibre .54. Model 1843. Made by N. P. Ames, of Springfield, Mass., under contract with the government. These are fitted with what are known as "box locks." Incomplete.

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115. DERINGER U. S. PERCUSSION HORSE PISTOL
Calibre .54; model 1843. Marked "Henry Deringer, Philadelphia." Made by Deringer under contract for the government. Fitted with "box lock." Very good condition. SCARCE.
116. THREE U. S. FLINT-LOCK HORSE PISTOLS
Altered to percussion. One model 1819, and two model 1836. The last two are in good condition, requiring cleaning only.
117. U. S. PERCUSSION HORSE PISTOL
Calibre .54. Model 1842. Marked "H. Aston & Co., Middletown, Conn. 1852." Very good, complete condition.
118. SCARCE U. S. PERCUSSION HORSE PISTOL
Marked "A. Waters & Co., Milbury, Mass. 1849." SCARCE MODEL. Fair condition only.
119. ENGLISH FLINT-LOCK DRAGOON PISTOL
Length 15 inches. Lock marked Crown, G. R. (George Rex), Broad Arrow (denoting government ownership), and "Edge—1759." Used by the British Army in the War of the Revolution. SCARCE PISTOL. Fairly good condition.
120. TWO LONG FLINT-LOCK HOLSTER PISTOLS
19 inches long. Brass mounted. Fair condition only.
121. PAIR U. S. FLINT-LOCK HORSE PISTOLS
Model 1836. Calibre .54. Marked "A. Waters & Co., Milbury, Mass. 1840 and 1844." First government alteration to percussion. Good condition, requiring cleaning only.
122. FINE PAIR AMERICAN MADE PERCUSSION DUELLING PISTOLS
Length 14½ inches; 9¼-inch beautifully browned octagon barrels. Smooth bore, about calibre .38. Highly polished burl walnut half stocks, silver escutcheons. The spur trigger guards are of steel of fancy design, and nicely ornamented with scroll engraving. Set triggers, very fine locks with safeties, also beautifully engraved. Fine sights, engraved tangs. The barrels are marked "Robertson, Philadelphia." Silver name plates on combs, closely checked grips with flat butts. A beautiful pair of pistols showing exquisite workmanship, and in new condition. Preserved in rosewood, plush-lined case, with mallet, caps and very fine copper powder flash. AN UNUSUAL PAIR OF PISTOLS, IN NEW CONDITION. Robertson was one of the celebrated makers of such pistols, about 1850.

[See Frontispiece for Illustration.]

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123. FLINT-LOCK AMERICAN MADE DUELLING PISTOL

Length 15 inches. Heavy octagon barrel about calibre .40. Marked "J. Kunz, Philadelphia." Has fine sights. Engraved iron mountings of fancy design. Well made lock, marked "Pleasants & Charnley, Philadelphia. Warranted." Closely checked grip, with silver name plate on comb. American made duelling pistols are very rare,—this being a good specimen.

124. FINE UNDERHAMMER SAW-HANDLE PERCUSSION PISTOL

Length 11½ inches. Rifled octagon barrel, about calibre .31. Closely checked grip with flat butt. Fine piece of American make, in very good condition.

125. TINY PERCUSSION POCKET PISTOL

Length 4¼ inches. Twist barrel about calibre .36. Engraved frame, ebony grip, German silver shell-shaped cap-box. About the smallest pistol made, in fairly good condition.

126. WURFFLEIN PERCUSSION DERINGER

Length 8 inches. Nickle plated barrel, about calibre .22. Sheathed trigger. Made by W. Wurfflein, Philadelphia. Used with a wire skeleton stock, which is missing. VERY SCARCE PISTOL, in fine condition.

127. REMINGTON NAVY PISTOL

Calibre .50, centre fire. Model 1866. Very good condition.

128. REMINGTON NAVY PISTOL

Calibre .50, rim fire, with sheathed trigger. This is model 1866, and is a RARE TYPE. Poor condition.

129. SHARPS BREECH-LOADING PERCUSSION PISTOL

About calibre .36. Length 9 inches. Made at C. Sharps & Co. Rifle Works, Philadelphia, Pa. This has the falling breech block system, loading at the breech of the barrel with either paper cartridge or loose powder and ball. VERY SCARCE PISTOL, in good, original condition.

130. SCARCE WARNER PERCUSSION RING TRIGGER POCKET REVOLVER

Calibre .28. Nipples set in center of cylinder. James Warner's Patent. VERY SCARCE revolver, in good condition.

131. COSSACK PERCUSSION PISTOL

Length 18 inches, with large ball butt and knob trigger. Very good condition.

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132. U. S. FLINT-LOCK HORSE PISTOL

Model 1836. Calibre .54. Marked "R. Johnson, Middletown, Conn." Good condition, requiring cleaning only.

133. U. S. FLINT-LOCK HORSE PISTOL

Model 1836. Marked "A. Waters & Co., Milbury, Mass." Good condition, requiring cleaning only.

134. FINE PAIR BELGIAN PERCUSSION DUELLING PISTOLS

Length 14½ inches. 8½-inch octagon barrels, about calibre .44, with multiple rifling. Highly polished half walnut stocks, with German silver escutcheons. Finely made locks and hammers, with some engraving. Set triggers, chiselled spur trigger guards nicely engraved and of fancy design. Closely checked grips, knobbed butts, metal caps. In walnut, plush-lined case, with wormer, loaders, copper powder flask, bullet mould and box of caps. FINE PAIR OF PISTOLS, in very good condition.

135. PAIR SOUTHERNER DERINGERS

Calibre. 41. J. M. Marlin's patent. Fairly good condition.

136. BALLARD DERINGER

Calibre .41. Bronze frame, rosewood grips. RARE DERINGER, in fairly good condition.

137. REMINGTON-RIDER MAGAZINE PISTOL

Nickle plated; rosewood grips. Scarce and interesting type of early pistol, in very good condition.

138. FINE PAIR BELGIAN PERCUSSION CONCEALED TRIGGER PISTOLS

Length 7 inches. Very fine Damascus barrels, about calibre .40. Chased frames, ivory grips, with cap boxes. Fairly good condition.

139. RARE PERCUSSION CUTLASS PISTOL

Length 11½ inches, with 7-inch cutlass. Marked "Morrill & Blair, Amherst, Mass." AN EXTREMELY RARE PIECE, in very good, original condition.

140. CONCEALED TRIGGER FLINT-LOCK POCKET PISTOL

Length 7½ inches. Engraved frame with safety. French make. Fairly good condition.

141. PAIR HAMMOND BULL DOG PISTOLS

Calibre .41. Made by Connecticut Arms Company, Naubuc, Conn. Good condition.

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142. SAW-HANDLE FLINT-LOCK DUELLING PISTOL

Length 14 inches. Octagon barrel, about calibre .60. Sunken gold armorer's mark on breech. Very fine rainproof lock. Set trigger. SCARCE TYPE OF PISTOL, in fairly good condition only.

143. SUPERPOSED UNDERHAMMER PERCUSSION PISTOL

Length 8½ inches. Round Damascus barrels about calibre .40. Engraved frame; ebony grips. Double action,—both hammers being discharged simultaneously. Belgian made pistol of good workmanship, in very good condition. SCARCE.

144. DOUBLE-BARREL SUPERPOSED PERCUSSION PISTOL

Length 7½ inches. Octagon barrels, about calibre .44. Engraved frame and hammer. Barrels revolve to load. Closely checked grip with German silver name-plate. Well made English pistol, in good condition.

145. SCARCE BACON RING TRIGGER PERCUSSION PISTOL

Length 8 inches. Half octagon barrel, calibre .36. Engraved frame. Made by Bacon & Co., Norwich, Conn. Good condition.

146. UNUSUAL SUPERPOSED PERCUSSION PISTOL

Length 9 inches. Fine twist barrels about calibre .40, with swivel ramrod. Engraved hammers and frames, with safety. Closely checked grip with cap-box in butt. Well made French pistol, in good condition.

147. SPANISH PERCUSSION HOLSTER PISTOL

Length 12 inches. Round barrel flattened at breech, with cannon muzzle, with silver inlay as follows:—"En Bilboa, Para D^a. Ant^o. Gutierrez de Fovar." Silver escutcheons, chiselled trigger guard, nicely engraved, dolphin hammer, closely checked grip, flat butt, with cap-box. Finely made piece, requiring cleaning only.

148. UNUSUAL SINGLE ACTION HOLSTER REVOLVER

Length 12 inches. Beautifully nickle plated. Rosewood grips. No maker's name. Opened by pulling back a catch on the frame, and the barrel tips down, drawing forward the cylinder on the central pin, which throws out the shells. A tube under the barrel contains a jointed cleaning rod and a screw driver. Well made revolver, in very good condition, and a SCARCE MODEL.

149. UNUSUAL SIDE HAMMER PERCUSSION PISTOL

Length 9 inches. Octagon barrel, about calibre .40. Brass mounted. Very unusual "mule-ear" lock. Curly maple stock. SCARCE PISTOL, in fairly good condition only.

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150. TWO DERINGERS

Calibre .41.

(a) Colt, first model, very good condition.

(b) Moore, all metal. Engraved frame. Fairly good condition.

151. TWO SHARPS FOUR-SHOT PEPPERBOX PISTOLS

The large size. Calibre .32. One has the ejector. Fine condition.

152. MARSTON THREE-SHOT SUPERPOSED PISTOL

Calibre .22, with knife on left side, which slides forward and locks. Engraved frame. Made by Wm. W. Marston, New York, 1857. Very scarce and interesting type of pistol, in extra fine condition, showing most of original finish.

153. TWO PERCUSSION DOUBLE-BARREL PISTOLS

One has barrels side by side, length 8 inches. The other superposed, length 9 inches. Belgian made pistols, in good condition.

154. VOLCANIC MAGAZINE PISTOL

About calibre .38. Length $12\frac{1}{2}$ inches. Very good condition.

155. VOLCANIC MAGAZINE PISTOL

About calibre .32. Length 9 inches. Engraved silver plated frame. Very good condition.

156. DOUBLE-BARREL PERCUSSION DAGGER PISTOL

Length $19\frac{1}{2}$ inches. One barrel is on each side of the blade, each $4\frac{3}{4}$ inches long and about calibre .40. The hammers on the top form the quillons, and the triggers conceal themselves when released. Checked grip. Brass bound leather scabbard, with belt hook. EXTREMELY RARE AND INTERESTING TYPE of side arm of Belgian manufacture.

157. FIVE HOLSTER PISTOLS

(a) 17 inches long. Double set triggers. Made for duelling, finely finished. Hammer broken.

(b) Length 16 inches. Fancy silver ornament on comb, silver man's head mask on butt. Poor condition.

(c) Length $15\frac{1}{2}$ inches. Poor condition.

(d) Length 17 inches. Lock missing.

(e) Flint-lock. Length 13 inches. Inoperative.

158. U. S. FLINT-LOCK HORSE PISTOL

Model 1836. Calibre .54. Marked "R. Johnson, Middletown." Hammer not original,—otherwise in good condition, requiring cleaning only.

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159. RARE TYPE EUROPEAN POWDER TESTER OR
EPROUVETTE
Length 6 inches. Pistol-shaped grip, brass mounted, nicely engraved. Spring missing. RARE PIECE.
160. HEAVY PERCUSSION SUPERPOSED PISTOL
Length 13 inches, about calibre .54. Ramrod on right side. Austrian make. Good condition.
161. PAIR PERSIAN FLINT-LOCK HOLSTER PISTOLS
Length 16 inches. Very old pair of pistols, with inlaid barrels showing Niello work. Contained in red leather holster, with sling strap. The holster is embroidered with gold thread.
162. CURIOUS BREECH-LOADING PISTOL
Length 19½ inches. Made from Remington breech-loading musket. Calibre .58. The butt plate is of German silver and bears the following inscription: "Made to comply with S. C. pistol law—1902—by L. W. Bicase, Charleston, S. C." The law states that no person is allowed to carry a firearm less than 20 inches in length and weighing less than 3 lbs. Interesting piece.
163. REMINGTON TYPE DOUBLE ACTION, SINGLE TRIGGER PISTOL
Calibre .42. Barrels side by side. Used in the Franco-Prussian War by the French Cavalry. Interesting and scarce type of pistol, showing most of original finish.
164. SIX PERCUSSION HOLSTER PISTOLS
Fair condition only.
165. NEEDLE FIRE PISTOL AND FOUR BULLET MOULDS
(a) The pistol is 9 inches long, with octagon barrel, about calibre .38. A paper cartridge is used with fulminate situated in the back of the bullet,—the needle going through the powder exploding the fulminate. A very rare pistol, in fair condition only.
(b) Two Colt .44 double moulds,—one double .31 calibre mould, and one small single mould.
166. TWO FLINT-LOCK HOLSTER PISTOLS
French pistols, in fairly good condition.

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167. TWO PERCUSSION PISTOLS

- (a) Underhammer. Made by Gibbs, Tiffany & Co., Sturbridge, Mass. Length 8 inches.
- (b) Belgian double action pocket pistol, with octagon Damascus barrel. Engraved frame, similar to the small American made Allen pistol of this type.
Both in good condition.

168. THREE PERCUSSION DERINGERS

- (a) Length 10 inches. Octagon barrel, with belt hook. German silver and brass mountings, with sunken gold armorer's mark in breech of barrel. Lock marked "N. A. Smith."
- (b) Length 7 inches. Browned barrel. Made by Louisville, Ky., gunsmith.
- (c) Length 5 inches. German silver mounted. Made by Deringer, Philadelphia.
The last two in fairly good condition only.

169. FOUR PISTOLS

- (a) Volcanic magazine pistol. Length 9 inches. Incomplete.
- (b) Morgan & Clapp .30 calibre pistol.
- (c) Stevens .22 "tip up" pistol.
- (d) Stevens .22 Diamond model pistol.
Fairly good condition.

170. THREE DOUBLE-BARREL PERCUSSION PISTOLS

- (a) Allen & Thurber single trigger. Length 6 inches.
- (b) Belgian double barrel, side by side. Length 8 inches.
- (c) Superposed, length 9 inches.
Good condition.

171. TWO DOUBLE-BARREL PIN FIRE CONCEALED TRIGGER PISTOLS

- (a) Has very fine Damascus barrels, engraved frame, ebony butt, with cap-box. Length 7 inches.
- (b) Octagon barrels, engraved frame, fluted grip. Length 8½ inches. Both in good condition.

172. THREE FLINT-LOCK PISTOLS

- (a) Length 14½ inches. Chiselled brass mountings. French pistol.
- (b) Another—length 13 inches. Chiselled brass mountings. Also a French pistol. The side plate is ornamented with engraving of two horsemen.
- (c) Pocket pistol. Length 7 inches. With cannon barrel.
All require cleaning and repairs.

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173. THREE SHARPS FOUR-SHOT PISTOLS
 (a) Calibre .22. Engraved frame.
 (b) Calibre .32. Bull Dog model.
 (c) Calibre .30. Fairly good condition.
174. TWO PISTOLS
 (a) Remington .22 vest pocket pistol, calibre .22.
 (b) Wheeler superposed pistol, calibre .32.
 Fairly good condition.
175. TEN PERCUSSION POCKET PISTOLS
 (a) Two Allen & Thurber double action.
 (b) One brass cannon barrel.
 (c) One concealed trigger.
 (d) Four center hammer.
 (e) One side hammer.
 (f) One with nipple on axis of barrel.
 Fairly good condition only.
176. FIFTEEN PISTOLS
 Calibre .22. Fourth of July pistols.
177. STARR DOUBLE ACTION CIVIL WAR PERCUSSION
REVOLVER
 Calibre .44, to which has been fitted a shoulder stock, making
it into a carbine. Good condition.
178. SCARCE COLT PERCUSSION ARMY REVOLVER
 Calibre .44, with *fluted* cylinder. Very good condition.
179. WESSON & LEVITT PERCUSSION BELT REVOLVER
 Calibre .31; 4-inch barrel. Rare type, showing a great deal
of original finish.
180. ROGERS & SPENCER CIVIL WAR PERCUSSION REVOLVER
 Calibre .44. Shows most of original finish.
181. PAIR STARR DOUBLE ACTION CIVIL WAR PERCUSSION
ARMY REVOLVERS
 Calibre .44. Good condition.
182. PAIR REMINGTON CIVIL WAR PERCUSSION REVOLVERS
 Calibre .44. One marked "N. J.," denoting it was used by the
New Jersey troops, and is almost new. The other one is in
good condition.

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183. COLT U. S. DRAGOON PERCUSSION REVOLVER

Calibre .44. Used in the Mexican War. Scarce revolver, showing most of original finish.

184. PETTINGILL HAMMERLESS PERCUSSION BELT REVOLVER

Calibre .31; 4½-inch octagon barrel. This is the only hammerless percussion revolver tried by the United States, and this particular model was carried by Civil War officers in a few instances. VERY SCARCE REVOLVER, in extra fine condition.

185. WALSH TEN-SHOT PERCUSSION REVOLVER

Calibre .31. Made by Walsh Fire Arms Company, New York, Patent of 1859. Has two hammers and one trigger. The cylinder has five chambers, double loads being inserted in each chamber, the first charge acting as a breech for the second. Not proving practical, their manufacture was soon discontinued, and they are now VERY SCARCE. Fine condition, showing most of original finish.

186. ALLEN & WHEELOCK PERCUSSION ARMY REVOLVER

Calibre .44. Made by Allen & Wheelock, Worcester, Mass. Scarce Civil War revolver, showing most of factory finish.

187. BUTTERFIELD PERCUSSION REVOLVER

Length 14 inches. Butterfield's Patent, Philadelphia, Dec. 11, 1855. Made for the Confederate government, and was sold by Beauregard & Slidell, Charleston, S. C.; but before many were made the plant was confiscated by the U. S. Government, hence they are VERY RARE. Good condition.

188. LE MAT TEN-SHOT PERCUSSION REVOLVER

Length 13 inches. Superposed barrels, the top one being rifled and about calibre .40, the lower one, which is two inches shorter, being about 16-bore and intended for buck-shot. Loaded in center of cylinder. A movable nose on the hammer fires either charge. Made by Col. Le Mat, Paris, who designed the arm. This model, however, was made by Rupertus of Philadelphia, in Krider's shop.

These revolvers were brought over during the Civil War by blockade runners, and were sold to Confederate officers at prices ranging as high as two hundred dollars each.

RARE PIECE AND A UNIQUE DESIGN, in very good condition.

189. RAPHAEL DOUBLE ACTION REVOLVER

About calibre .40, center fire. Length 11½ inches. A few of these were imported from Europe and used on the Union side in the Civil War. VERY SCARCE REVOLVER, showing most of original finish.

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190. PAIR KERR CIVIL WAR PERCUSSION ARMY REVOLVERS
Calibre .44. Made by London Armory Company. A good many of these were imported and used on the Southern side during the Civil War. Fairly good condition.
191. RARE SEVEN-SHOT FLINT-LOCK PEPPERBOX
Length 10½ inches. Seven individual barrels, about calibre .36, rifled at muzzles. Engraved frame, with safety, marked "Twigg, London." Revolvers of this type are sometimes called "A XVIII Century Pepper Box." An excessively rare piece, in very good condition, and esteemed by the former owner as the rarest and most VALUABLE OF HIS ENTIRE COLLECTION.
[See Frontispiece for Illustration.]
192. NINE POCKET DOUBLE ACTION REVOLVERS
Three of which are automatic ejecting, and two bulldog type. Fairly good condition.
193. PAIR SAVAGE CIVIL WAR NAVY REVOLVERS
Calibre .36. In good condition.
194. RARE REVOLVER
Calibre .22; 6 shots; length 7½ inches. Made by W. L. Uhlinger & Co., Philadelphia. Well made revolver, in fine condition.
195. BLISS & GOODYEAR PERCUSSION POCKET REVOLVER
Calibre .25. Made by Bliss & Goodyear, New Haven. Engraved frame. RARE REVOLVER, in good condition.
196. ALLEN & THURBER PRESENTATION PERCUSSION PEPPERBOX
Length 8½ inches; 6 shots. Engraved frame. Each grip contains a silver plate with the following inscription: "Presented to Jno. Kensil, Lieutenant of the Night Police of the N. W. Division, Philadelphia. May 11, 1850, by the Night Police of the N. W. Division, in testimony of their regard for his efficiency as an officer, and character as a gentleman." Interesting piece, in very good condition.
197. EIGHT POCKET REVOLVERS
Calibre .22, 7-shot. Fairly good condition.
198. NINE POCKET REVOLVERS
Fairly good condition.

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199. COLT SIDE HAMMER PERCUSSION REVOLVER
3½-inch octagon barrel, round cylinder, curly walnut grips. In plush-lined walnut case, with copper powder flask, double bullet mould, box of caps. Fairly good condition.
200. POND REVOLVER
Calibre .32; 5-inch barrel. Rosewood grips. Scarce revolver, showing most of factory finish.
201. RARE WHITNEY PERCUSSION POCKET REVOLVER
Calibre .28; 3½-inch octagon barrel. This model is somewhat similar in appearance to the Colt model 1855 pocket revolver. AN EXCEEDINGLY RARE REVOLVER, showing most of original finish.
202. SIX-SHOT HAMMERLESS PERCUSSION PEPPERBOX
Length 7½ inches. Ribbed cylinder. Engraved frame. In leather-covered, plush-lined case, with brass leather-covered combination powder flask and bullet holder, box of caps, bullet mould and loader. Very fine condition.
203. WILLIAMSON REVOLVER
Made by the Brooklyn Arms Company, patent of 1863. Silver plated, engraved frame, rosewood grips. In walnut, plush-lined case, with stand of cartridges. New condition.
204. HAMMERLESS RING TRIGGER PERCUSSION PEPPERBOX
Length 7½ inches, 6 shots, ribbed cylinder, engraved frame, curly walnut grips. Foreign made revolver, in good condition.
205. NINE LE FAUCHEUX PIN FIRE POCKET REVOLVERS
Fairly good condition.
206. TWO POCKET REVOLVERS
Calibre .22, 7-shot. Colt first model, and Wesson & Harrington. Good condition.
207. FINE PAIR PERCUSSION BELT REVOLVERS
Length 10½ inches; 5½-inch octagon barrels, marked "London". About calibre .36. Engraved German silver mountings with swivel ramrods. Closely checked grips, with cap-boxes in butts. Extra good condition.
208. SPRINGFIELD ARMS COMPANY PERCUSSION BELT REVOLVER
Calibre .31; 4¾-inch barrel. Engraved frame. SCARCE REVOLVER. In very good condition.

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209. COLT SINGLE ACTION FRONTIER REVOLVER
Calibre 44-40; 7½-inch barrel. Blued. Good condition.
210. THREE PERCUSSION PEPPERBOXES
(a) Allen & Wheeler five-shot.
(b) Manhattan three-shot.
(c) Foreign six-shot hammerless. Fairly good condition only.
211. TEN-SHOT LE FAUCHEUX PIN FIRE REVOLVER
Calibre 7.65 M/M. Length 8½ inches. Ebony grips, with ring in butt. SCARCE REVOLVER, in fairly good condition.
212. TWO REVOLVERS
(a) Moore encased cartridge. Made by Moore's Patent Fire Arms Co., Brooklyn.
(b) Reid's "My Friend" knuckle duster revolver, with engraved frame. Good condition.
213. TWO REMINGTON-ELLIOTT HAMMERLESS PEPPERBOXES
(a) Four-shot. Calibre .32.
(b) Five-shot. Calibre .22. This one is in very fine condition.
214. REMINGTON-ELLIOTT FOUR-SHOT HAMMERLESS PEPPERBOX
Engraved all over. It has also been gold plated, which is worn off. Pearl grips. Could be refinished to fine condition.
215. TWO PERCUSSION HAMMERLESS PEPPERBOXES
(a) Robbins & Lawrence 5-shot. Poor condition.
(b) 6-shot, European, with individual barrels, and engraved frame. Fairly good condition.
216. TWO ENGLISH DOUBLE ACTION, FOLDING TRIGGER, PIN FIRE PEPPERBOXES
(a) Calibre .28.
(b) Calibre .32.
Blued, with closely checked grips. Good condition.
217. FOUR PERCUSSION SIX-SHOT PEPPERBOXES
(a) Two Allen & Thurber.
(b) One English bulldog type.
(c) Stocking.
The latter is the rare model. All in fairly good condition only.
218. SIX SMITH & WESSON "TIP UP" MODEL REVOLVERS
Calibre .22; 7-shot. Fairly good condition.

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219. SMITH & WESSON "TIP UP" MODEL REVOLVER

Calibre .32, rim fire; 5½-inch barrel. Rosewood grips. Slightly inoperative, but shows most of factory finish.

220. MERWIN & BRAY ENCASED CARTRIDGE REVOLVER

The large size, with 5½-inch barrel. Silver plated frame, rosewood grips. Manufactured by Plant Manufacturing Co., New Haven, Conn. Good condition.

221. THREE CARTRIDGE POCKET REVOLVERS

- (a) Slocum revolver for encased cartridges. Silver plated frame, nicely engraved. Rosewood grips.
- (b) Merwin & Bray.
- (c) Allen & Wheelock. Fairly good condition.

222. CONTINENTAL PEPPERBOX

Five shots. Calibre .22. Made by the Continental Arms Co., Norwich, Conn. Scarce revolver. Very good condition.

223. MAYNARD TAPE-LOCK PERCUSSION POCKET REVOLVER

Calibre .31; 3½-inch barrel. Engraved frame. Rosewood grips. Made by the Massachusetts Arms Co., Chicopee Falls, Mass. This has the Maynard tape-lock, which was considered a great invention when it was introduced in 1845, but it did not prove to be practical. SCARCE REVOLVER, showing most of factory finish.

224. RUPERTUS PEPPERBOX

Calibre .22; 8 shots. Rosewood grips. Rupertus' Patent 1864, Philadelphia. SCARCE PEPPERBOX, in very good condition.

225. THREE DOUBLE ACTION PERCUSSION REVOLVERS

- (a) Calibre .31, 5 shots. Length 6 inches. Belgian make. Engraved.
- (b) Calibre .36. Length 9 inches. Engraved frame, checked grip. Inoperative.
- (c) Calibre .36. Length 11 inches. Made by Massachusetts Arms Co. under Adams' Patent. A rare revolver, tried by the United States Government during the Civil War. Poor condition.

226. EIGHT DOUBLE ACTION REVOLVERS

Four British Bulldog, centre fire. Four Le Fauchaux pin fire. Good condition.

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227. THREE PERCUSSION POCKET REVOLVERS

- (a) Allen & Wheelock pepperbox type hammer.
- (b) Remington-Rider, with outside cocking pawl.
- (c) James Warner, calibre .28.

SCARCE REVOLVERS, in fairly good condition only.

228. SIX PERCUSSION REVOLVERS

Two Whitney, calibre .36, Navy revolvers; one Whitney, calibre .31, belt revolver; one Remington .44, Army revolver; one Starr .44, double action Army revolver; and one Allen & Wheelock side hammer .31, belt revolver. In poor condition.

229. THREE LE FAUCHEUX PIN FIRE REVOLVERS

The large size. Good condition.

230. FOUR COLT PERCUSSION REVOLVERS

Two (2) calibre .44,—one with cut off barrel; one calibre .36, with fluted cylinder; and the other calibre .31. The latter is in poor condition; the others fairly good.

231. SEVEN DOUBLE ACTION POCKET REVOLVERS

Various calibres and lengths of barrels. Fairly good condition.

232. THIRTEEN REVOLVERS AND PISTOLS

Five single action .32 rim fire cartridge revolvers; three .22 double action revolvers; two .32 single shot pistols; one trick pistol; and two Fourth of July arms,—one revolver and one pistol. Fairly good condition.

233. FOUR CARTRIDGE POCKET REVOLVERS

- (a) Colt .32, rim fire.
- (b) Colt .22, rim fire, with pearl grips.
- (c) Hopkins & Allen .38.
- (d) Double action, .38. Folding trigger. Fairly good condition.

234. THREE PERCUSSION REVOLVERS

- (a) Colt side hammer. Calibre .28.
 - (b) Colt .31. 4-inch barrel.
 - (c) Cooper double action. Calibre .36. 4-inch barrel.
- All inoperative.

235. TWELVE SINGLE ACTION POCKET REVOLVERS

Calibre .22. Seven shots. Poor condition.

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236. THREE CARTRIDGE REVOLVERS

- (a) Smith's calibre .32, rim fire.
 - (b) Smith's calibre .38, rim fire.
 - (c) Smith's new model, calibre .32, rim fire.
- Fairly good condition.

237. THREE ALLEN & WHEELOCK SIDE HAMMER REVOLVERS

Calibre .22. Different models. In fairly good condition.

238. TWO CARTRIDGE REVOLVERS

- (a) Colt transformed revolver, calibre .38, rim fire 4½-inch barrel. Good condition.
- (b) .38 Merwin & Hulbert, with pearl grips. Inoperative.

239. TWO REVOLVERS

- (a) Six-shot French pin fire pepperbox, with checked grip, folding trigger. Length 4½ inches.
- (b) Remington-Rider double action pocket revolver, altered to .32 rim fire. Good condition.

240. TWO CARTRIDGE REVOLVERS

- (a) British bulldog, pocket size, nickle plated, with beautiful ivory grips, carved in relief in foliated and other designs.
- (b) Large French double action Army revolver. Length 11 inches. Both in good condition.

241. EIGHT POCKET REVOLVERS

Single action. Calibre .32. Fairly good condition.

242. UNUSUAL TYPE AUSTRIAN DOUBLE ACTION NAVY REVOLVER

About calibre 9M/M. Length 13 inches,—all parts being tinned to prevent rusting. Marked "L. Gasser, Patent Ottakring." Unusual type of revolver, in extra good condition.

243. MONARCH REVOLVER

Superposed barrels. The cylinder is chambered for eight .22 rim fire cartridge, while the lower barrel is for the .32 calibre rim fire cartridge. Nickle plated, embossed hard rubber grips. Made by Osgood Gun Works, Norwich, Conn., under patent of Dec. 7, 1880. A very scarce revolver of unusual design, in fairly good condition.

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244. MOORE SWING CYLINDER REVOLVER

About calibre .30. Length 10 inches. Moore's Patent Sept. 18, 1860. Made by Smith & Wesson. There is a catch on the right side of the frame which releases the cylinder and barrel, which swing to the right for loading. It is interesting to note that although this patent was put on the market in 1860, it did not prove very popular and did not come into general use again until about twenty-five years later.

245. PROTECTOR REVOLVER

For calibre .32 extra short cartridge. Marked "Chicago Fire Arms Co." A revolver of unique design in that it has a circular frame which is held in the palm of the hand, the barrel going between the fingers. The piece is fired by squeezing the mechanism on the side of the frame. Being a dangerous weapon for the user and of slight power, but few were made, and they are now very scarce, their manufacture having been discontinued about twenty years ago. Of good appearance, but slightly inoperative.

246. RARE "CLOVER LEAF" REVOLVER

Calibre .41, 4 shots, 1½-inch barrel. All parts nicely engraved. Front sight missing,—otherwise in very good condition. VERY RARE TYPE, known as "Clover Leaf" model on account of the shape of the cylinder.

247. J. P. LOWER REVOLVER

For encased cartridge, about calibre .30; 6-inch blued barrel and cylinder. Silver plated frame; ivory grips. The left one is decorated with a relief carving of a spread eagle with "Liberty" underneath. In leather-covered, plush-lined case, with screw driver and contemporary cartridge box. Very showy revolver of a SCARCE MODEL,—being one of the early cartridge revolvers.

248. COLT WELLS FARGO PERCUSSION REVOLVER

Calibre .31; 6-inch barrel. Square back trigger guard. This is the only model Colt percussion revolver made without loading lever, and so called because they were used by the Wells Fargo Express agents, and they were also used by the police. VERY SCARCE REVOLVER, refinished to nearly new condition.

249. IMPROVED DOUBLE ACTION PERCUSSION PEPPERBOX TYPE REVOLVER

About calibre .36. Length 12 inches. Has flat hammer such as were used on the pepper boxes, this being the evolution of the same. Scarce model, in very good condition. Has cap-box in butt.

Another, similar to the above, but made by Bentley, Liverpool. Good condition.

Together, 2 pieces.

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250. **BELGIAN ONE-INCH RAPID FIRE SWIVEL GUN**
Finely rifled. From the fortification of Antwerp Harbor. Accompanied by tripod and breast-pad (for absorbing the shock of recoil). It is an early type of breech-loading rapid fire gun, dated 1866, and it was claimed that with a crew of four men, using numerous breech blocks, a rate of fire of ten shots per minute could be obtained. It has 36-inch barrel, which is very heavy. The breech block is removable, and is loaded by paper cartridge fired by percussion cap. VERY INTERESTING RELIC NOT EASILY OBTAINABLE IN THIS COUNTRY.
251. **GERMAN ARMOR**
Seventeenth century. Complete suit and sword. (Reproduction.)
252. **CHINESE ARMOR**
Breast-plate with conventional dragon; side plate and back pieces.
253. **ANCIENT JAPANESE SAMURAI WAR HELMET**
254. **FRENCH CUIRASSIER'S STEEL BREAST PLATE**
Used in the Franco-Prussian War. Marked with bullet on left side in the region of the heart.
255. **TWO BOARDING PIKES**
Used in the U. S. Navy.
256. **ZULU HAND ASSEGAI**
For hunting and war purposes.
257. **JAPANESE SHORT SWORD**
In wooden scabbard. Length 34 inches. Inlaid hilt. Very good condition.
258. **CUBAN MACHETE**
Used in war as a weapon, and for harvesting corn in times of peace. Scabbard missing.
- GERMAN INFANTRY OFFICER'S SWORD AND SCABBARD**
Period 1815. Very good condition.
Together, 2 pieces.

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259. U. S. CIVIL WAR NON-COMMISSIONED OFFICER'S SWORD
AND SCABBARD
Fine condition.
- U. S. INFANTRY OFFICER'S SWORD
Civil War. Scabbard missing.
- U. S. CIVIL WAR OFFICER'S SWORD
Scabbard missing.
Together, 3 pieces.
260. SECRET SOCIETY SWORD
Length 20 inches. Straight brass quillons, fluted ivory grip,
brass pommel. Scabbard missing.
261. OLD TURKISH SWORD
With leather scabbard. Length 39 inches. The blade is made
of fine steel. It is said to have been taken to Turkey as a
sword of one of the Crusaders. The blade is sharpened on both
sides and has a central groove each side. Straight quillons,
round grip with knobbed pommel, embossed red leather scab-
bard and belt. A very rare and odd sword in fine condition.
262. KNAPSACK
Carried by the 51st Regiment, Pennsylvania Volunteers, in the
Civil War.
263. COLONIAL POWDER HORN
Length 12 inches. Good color, with carved wooden butt.
264. PAIR GERMAN HALBARDS
Nicely engraved. With hafts. (Reproductions).
265. FOUR GERMAN CAVALRY SABRES AND SCABBARDS
Period 1860.
266. EIGHT GERMAN CAVALRY SABRES AND SCABBARDS
Period 1860.
267. PAIR GERMAN PARTIZANS
Richly engraved and burnished, with leather bound shafts. (Re-
productions).
268. THREE FOREIGN CAVALRY SABRES
With scabbards. Period 1860.

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269. FRENCH MUSICIAN'S SHORT SWORD AND SCABBARD

Used in the Franco-Prussian War—1870.

AFGHAN HUNTING KNIFE

Length $12\frac{1}{2}$ inches. Curved double-edge blade, with raised rib-sides. Some chased ornamentation at base. Bone hilt and rhinoceros hide scabbard.

GERMAN HUNTING SWORD AND SCABBARD

Length $28\frac{1}{2}$ inches. The scabbard contains knife and fork. These swords were used mainly for sticking wild boars.

Together, 3 pieces.

270. JAPANESE SHORT SWORD

Length 32 inches, with elaborately carved bone scabbard handle and hilt. Very good condition.

271. JAPANESE SHORT SWORD

Length $18\frac{1}{2}$ inches. Sharkskin grip. Guard inlaid with gold. Scabbard contains small dagger for committing "Hari-Kari." Fine condition.

272. U. S. SHORT SWORD

Used by the United States Artillery, period about 1830. Scabbard missing. Rare.

273. BRITISH NAVAL CUTLASS

Used in the war of 1812. Scabbard missing.

274. DUTCH ARMY OFFICER'S SWORD

Period about 1812. Bone grip, copper hilt. Scabbard missing.

275. U. S. CAVALRY SABRE AND SCABBARD

Made by N. Starr, who was a Government contractor,—period about 1830. Very good condition.

276. SHOULDER STOCK FOR COLT DRAGOON REVOLVER

Rare.

277. GERMAN PARTIZAN

Richly engraved. With haft. (Reproduction).

278. PAIR SWORD STEELS

Length 29 inches; 20-inch sexagonal tapering blades, the bases of which fit into dragon's mouths of bronze. Barrel-shaped wooden grips, with heavy pommels.

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279. ARMORIAL ORNAMENTAL STAND

Height 22 inches. The pieces are cast, and show battle-axes, swords, war trophies, etc., with British coat of arms in the center.

280. COLLECTION IN SMALL WOODEN CABINET WITH SIX DRAWERS

15 x 18 inches, 15 inches high. Comprising a very complete collection of cartridges, bullets, primers and powder. (Samples in containers).

281. THREE PROJECTILES

- (a) Three-pounder rapid fire shell, with armor piercing point, used in the United States Navy during the Civil War.
- (b) Spanish six-pounder Naval shell, with armor piercing projectile, captured in the Philippines.
- (c) Six-pounder rapid fire shell, with common cast iron explosive projectile, used in the United States Navy in the War with Spain.

282. U. S. FIVE-INCH RAPID FIRE SHELL

With armor piercing projectile.

283. EIGHT PROJECTILES AND SHELLS

- (a) Six-pounder armor piercing projectile. Spanish-American War period.
- (b) Brass six-pounder explosive shell. Captured from the Spanish in the Philippines—1898.
- (c) One-pounder rapid fire shell. Spanish-American War period.
- (d) One-inch rapid fire bullet taken from Spanish armored Cruiser "Viscaya".
- (e) One-pounder U. S. dummy projectile, for drilling purposes.
- (f) Spanish one-pounder rapid fire shell, recovered from wreck of the Spanish armored Cruiser "Infanta Maria Theresa".
- (g) Spanish one-pounder shell. Captured at Cavite.
- (h) Spanish one-pounder rapid fire shell.

284. TWO PROJECTILES

- (a) Six-pounder rapid fire shell, used by the American Squadron under Commodore Dewey in the Battle with the Spanish fleet off Cavite, Philippine Islands, 1898.
- (b) Two-pounder rapid fire shell, with common cast iron explosive projectile, used in the United States Navy during the War with Spain.

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285. PAIR LEG IRONS

Used at Anderson Prison during the Civil War; and pair of handcuffs said to have been used at Libbey Prison, Richmond, Va.

286. POWDER HORNS AND CANTEEN

- (a) Powder horn. Length 10 inches.
- (b) Another—11 inches, with a deerskin bullet pouch, copper powder flask with graduated charger.
- (c) Civil War canteen carried by a private soldier in B Company, 9th Regular Infantry.

287. SHELLS AND SHRAPNEL

- (a) Round solid shot fired by the Confederates at the Battle of Gettysburg, July, 1863.
- (b) Cast iron explosive shell, fired by Confederates at General Hooker's men during the Battle of Chancellorsville, 1862. Unexploded.
- (c) Round solid shot, recovered from the wreck of the British Frigate "Augusta" sunk in the Delaware River off Red Bank, N. J., 1777.
- (d) U. S. 3.2 explosive shell. Spanish-American War period.
- (e) Spanish three-inch explosive shrapnel. Philippine Islands—1898. Unexploded. Fuse has been removed.

288. 1812 WOODEN CANTEEN

Marked "M. S. 1812" (Massachusetts).

289. LANCE AND LARIATS

- (a) Confederate lance-head dug up on the battlefield of Chancellorsville.
- (b) Horsehair lariat about 20 ft. long.
- (c) Braided rawhide lariat about 30 ft. long.

290. BAYONETS

An odd lot of United States and Foreign Bayonets.

291. LARGE BLACK BEAR RUG

With whole head. Faced with cloth. Length, 6 feet. "A 1" condition.

292. GREY WOLF RUG

With half head. Faced with cloth. Length, 6 feet. Good condition.

Sale, Tuesday Afternoon, November 18th

293. SNOW LEOPARD RUG

With whole head. Faced with cloth. Good specimen.

294. GREY WOLF RUG

With whole head. Without legs. Faced with cloth. Length, 6 feet. Very good condition.

295. MOUNTAIN LION RUG

With whole head. Faced with cloth. Length, 7 feet. Very good condition.

296. CANADIAN LYNX RUG

With half head. Faced with cloth. Length, 3½ feet. Very good condition.

297. MUSK OX HEAD

Very fine specimen of an "Old Bull." Well mounted and in fine condition.

[See Frontispiece for Illustration.]

298. AMERICAN ELK OR WARPITI HEAD

Fine specimen, with large six-tine antlers, spread 50 inches,—the two front tines have tips broken off. Well mounted, in good condition.

299. ALASKAN MOOSE HEAD

Old "Bull" in all his prime. With well balanced brow tines, spread 56 inches. Good pouch. In excellent condition. Well mounted.

300. CARIBOU HEAD

Head of young bull. Good condition, small horns.

301. FEMALE CARIBOU HEAD

Good specimen, with antlers, of a female Caribou head. From New Brunswick or New Foundland.

302. SAGE HEN OR PINTAIL GROUSE

Mounted on stand. Very fine specimen.

303. STUFFED BIRDS

(a) Pair canvas back ducks (male and female). Dead game. Without shield.

(b) Pair red head ducks (male and female). Dead game. Without shield.

Sale, Tuesday Afternoon, November 18th

304. STUFFED BIRDS

- (a) Pair sage grouse. Dead game. Without shield.
- (b) Golden pheasant mounted on stand.
- (c) Grouse, mounted on stand.

305. STUFFED BIRDS

- (a) Pair wood ducks (male and female). Dead game. Without shield.
- (b) Mallard and merganser. Dead game. Without shield.

306. PAIR OF STUFFED SAGE GROUSES

Dead game. Without shield.

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